HEWLETT-PACKARD COMPANY
Intellectual Property Administration
P. O. Box 272400
Fort Collins, Colorado 80527-2400

08-23-01

PATENT APPLICATION

ATTORNEY DOCKET NO. 10013830-1

08/22/01 11131 U.S. PTO

jc971 U.S. PTO 09/934615 08/22/01

IN THE U.S. PATENT AND TRADEMARK OFFICE
Patent Application Transmittal Letter

COMMISSIONER FOR PATENTS
Washington, D.C. 20231

Sir:

Transmitted herewith for filing under 37 CFR 1.53(b) is a(n): (X) Utility () Design
(X) original patent application,
() continuation-in-part application

INVENTOR(S): **Joseph Weiyeh Ku et al.**

TITLE: **Fine-Grained Thermal Control in Memory Subsystems**

Enclosed are:

(X) The Declaration and Power of Attorney. (X) signed () unsigned or partially signed
(X) 2 sheets of drawings (one set) () Associate Power of Attorney
() Form PTO-1449 () Information Disclosure Statement and Form PTO-1449
() Priority document(s) () (Other) _____ (fee $_____)

CLAIMS AS FILED BY OTHER THAN A SMALL ENTITY				
(1) FOR	(2) NUMBER FILED	(3) NUMBER EXTRA	(4) RATE	(5) TOTALS
TOTAL CLAIMS	31 — 20	11	X $18	$ 198
INDEPENDENT CLAIMS	5 — 3	2	X $80	$ 160
ANY MULTIPLE DEPENDENT CLAIMS	0		$270	$ 0
		BASIC FEE: Design ($320.00); Utility ($710.00)		$ 710
			TOTAL FILING FEE	$ 1,068
			OTHER FEES	$
			TOTAL CHARGES TO DEPOSIT ACCOUNT	$ 1,068

Charge $ 1,068 to Deposit Account 08-2025. At any time during the pendency of this application, please charge any fees required or credit any over payment to Deposit Account 08-2025 pursuant to 37 CFR 1.25. Additionally please charge any fees to Deposit Account 08-2025 under 37 CFR 1.16, 1.17,1.19, 1.20 and 1.21. A duplicate copy of this sheet is enclosed.

"Express Mail" label no. EL735813582US

Date of Deposit August 22, 2001

I hereby certify that this is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to: Commissioner for ~~Patents, Washington,~~ D.C. 20231.

By Kelly S. Waltigney

Typed Name: **Kelly S. Waltigney**

Respectfully submitted,

Joseph Weiyeh Ku et al.

By _____

LeRoy D. Maunu

Attorney/Agent for Applicant(s)
Reg. No. **35,274**
Date: **August 22, 2001**
Telephone No.: **(651) 686-6633**

Rev 10/00 (TransNew)

- Attach as First Page to Transmitted Papers -